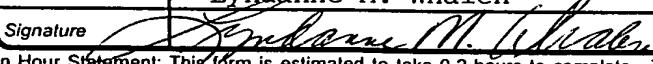


Please type a plus sign (+) inside this box → Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
A
PTO/SB/05-0999

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. Mo-5176/LeA 33,020
(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))		First Inventor or Application Identifier ADAMCZEWSKI ET AL
		Title NUCLEIC ACIDS WHICH ENCODE INSECT....
		Express Mail Label No. EJ564485416US

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.		ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231			
1. <input checked="" type="checkbox"/> * Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>		5. <input type="checkbox"/> Microfiche Computer Program (Appendix)			
2. <input checked="" type="checkbox"/> Specification [Total Pages 24] <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 		6. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Computer Readable Copy b. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy) c. <input checked="" type="checkbox"/> Statement verifying identity of above copies 			
3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 1]		ACCOMPANYING APPLICATION PARTS			
4. Oath or Declaration [Total Pages ..] <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. § 1.63(d)) <i>(for continuation/divisional with Box 16 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b). 		7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))			
		8. <input type="checkbox"/> 37 C.F.R. § 3.73(b) Statement <input type="checkbox"/> Power of <i>(when there is an assignee)</i> <input type="checkbox"/> Attorney			
		9. <input type="checkbox"/> English Translation Document (if applicable)			
		10. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 <input type="checkbox"/> Citations			
		11. <input checked="" type="checkbox"/> Preliminary Amendment			
		12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> <ul style="list-style-type: none"> * Small Entity <input type="checkbox"/> Statement filed in prior application <i>(PTO/SB/09-12)</i> <input type="checkbox"/> Status still proper and desired 			
		13. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>			
		14. <input type="checkbox"/> Other:			
* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).		15. <input type="checkbox"/> Other:			
16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: / Prior application information: Examiner Group / Art Unit:					
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
17. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label <i>(Insert Customer No. or Attach bar code label here)</i>		or <input checked="" type="checkbox"/> Correspondence address below			
Name	BAYER CORPORATION Patent Dept.				
Address	100 Bayer Road				
City	Pittsburgh	State	PA	Zip Code	15205
Country	US	Telephone	(412) 777-2349	Fax	(412) 777-5449
Name (Print/Type)		Lyndanne M. Whalen		Registration No. (Attorney/Agent)	
Signature				Date 4/30/99	

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FEE TRANSMITTAL

for FY 1999

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 940.00

Complete if Known

Application Number	To Be Assigned
Filing Date	Filed Herewith
First Named Inventor	ADAMCZEWSKI ET AL
Examiner Name	
Group / Art Unit	
Attorney Docket No.	Mo-5176/LeA 33,020

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 13-3848
Deposit Account Name BAYER CORPORATION

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

2. Payment Enclosed:
 Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	760	201 Utility filing fee	760
106	310	206 Design filing fee	
107	480	207 Plant filing fee	
108	760	208 Reissue filing fee	
114	150	214 Provisional filing fee	
SUBTOTAL (1) (\$ 760.00)			

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
30	-20** = 10	x 18	= 180
Independent Claims	1	-3** = 0	= 0
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	78	202 39 Independent claims in excess of 3
104	260	204 130 Multiple dependent claim, if not paid
109	78	209 39 **Reissue independent claims over original patent
110	18	210 9 **Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) \$180.00		

FEE CALCULATION (continued)

3. ADDITIONAL FEES

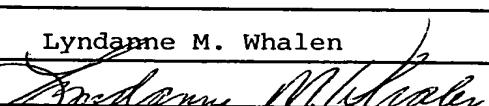
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	380	216 190 Extension for reply within second month	
117	870	217 435 Extension for reply within third month	
118	1,360	218 680 Extension for reply within fourth month	
128	1,850	228 925 Extension for reply within fifth month	
119	300	219 150 Notice of Appeal	
120	300	220 150 Filing a brief in support of an appeal	
121	260	221 130 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,210	241 605 Petition to revive - unintentional	
142	1,210	242 605 Utility issue fee (or reissue)	
143	430	243 215 Design issue fee	
144	580	244 290 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	240	126 240 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	760	246 380 Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249 380 For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) Pre-Amendment

Other fee (specify) Statement/Seq. Listing

* Reduced by Basic Filing Fee Paid **SUBTOTAL (3) (\$)**

SUBMITTED BY

Typed or Printed Name	Lyndanne M. Whalen	Complete (if applicable)
Signature		Reg. Number 29,457
Date	4/30/99	Deposit Account User ID

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PATENT APPLICATION
Mo-5176
LeA 33,020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF)
MARTIN ADAMCZEWSKI ET AL)
SERIAL NUMBER: TO BE ASSIGNED)
FILED: HEREWITH)
TITLE: NUCLEIC ACIDS WHICH ENCODE)
INSECT ACETYLCHOLINE)
RECEPTOR SUBUNITS)

STATEMENT VERIFYING IDENTITY OF SEQUENCE LISTING

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

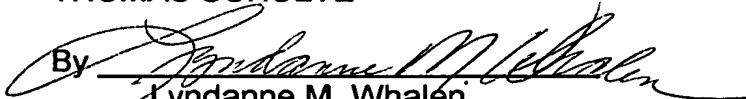
Applicants hereby state that the content of the paper form of the sequence listing which appears after the Abstract page at pages 1 to 22 of the enclosed application and the enclosed disk containing a sequence listing in computer readable form are one and the same.

The attached diskette is submitted in American Standard Code for Information Interchange (ASCII) text and is properly labeled for the convenience of the U.S. Patent & Trademark Office.

Respectfully submitted,

MARTIN ADAMCZEWSKI
NADJA OELLERS
THOMAS SCHULTE

By


Lyndanne M. Whalen
Attorney for Applicants
Reg. No. 29,457

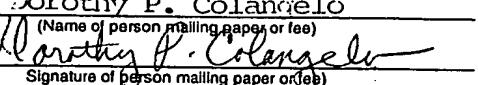
Bayer Corporation
100 Bayer Road
Pittsburgh, Pennsylvania 15205-9741
(412) 777-2347

FACSIMILE PHONE NUMBER:
(412) 777-5449
s:\ks\LMW1169

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Date of Deposit April 30, 1999

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231


Dorothy P. Colangelo
(Name of person mailing paper or fee)
Signature of person mailing paper or fee